

**AMENDMENTS TO THE SPECIFICATION:**

Please add the following new headings before the paragraph beginning on line 4 of page 1:

--BACKGROUND OF THE INVENTION--

--Field of the Invention--

Please add the following new heading after the paragraph beginning on line 5 of page 1:

--Description of Related Art--

Please add the following new heading after the paragraph beginning on line 10 of page 1:

--BRIEF SUMMARY OF THE INVENTION--

Please add the following new paragraph after the paragraph beginning on line 23 of page 1:

--BRIEF DESCRIPTION OF THE DRAWINGS

**Figure 1:** Isolation of monokaryotic strain deficient in laccase activity.

**Figure 2:** Isolation of the gene encoding for the laccase of *Pycnoporus cinnabarinus* laccase.

**Figure 3:** Southern blot study of the gene encoding for the laccase of *Pycnoporus cinnabarinus*.

**Figure 4:** Sequence of the gene encoding for the laccase of *Pycnoporus cinnabarinus* represented by SEQ ID NO: 1.

**Figure 5:** Sequence of the pLac promoter sequence of the gene encoding for the laccase of *Pycnoporus cinnabarinus* (up to the ATG encoding for the methionine of the laccase), the pLac promoter being represented by SEQ ID NO: 3.

**Figure 6:** Restriction map of the three expression vectors pEGT, pESC, pELP, used for the production of laccase in *Pycnoporus cinnabarinus*.

**Figure 7:** Nucleotide sequence of the vector pEGT represented by SEQ ID NO: 12, containing the gpd gene promoter (4480-5112), a phleomycin resistance marker (507-1822) and the sc3 gene terminator (71-507).

**Figure 8:** Nucleotide sequence of the vector pESC represented by SEQ ID NO: 13, containing the sc3 gene promoter (1-1033), a phleomycin resistance marker (1540-2855) and the sc3 gene terminator (1104-1540).

**Figure 9:** Nucleotide sequence of the vector pELP represented by SEQ ID NO: 14, containing the laccase gene (promoter 4457-6983), a phleomycin resistance marker (507-1822) and the sc3 gene terminator (71-507)

**Figure 10:** Results of production of the transformants having the most significant activities. The culture was carried out with or without (control) ethanol.

**Figure 11:** Monitoring of the laccase activities of the transformants GPD 14 and 12.7 as a function of time with or (control) without ethanol.

**Figure 12:** Sequence of the gene encoding for the laccase of *halocyphina villosa* represented by SEQ ID NO: 18.

#### DETAILED DESCRIPTION OF THE INVENTION--

Please delete the following paragraphs beginning on line 24 of page 13:

#### ~~—Legends to the figures~~

~~**Figure 1:** Isolation of monokaryotic strain deficient in laccase activity.~~

~~**Figure 2:** Isolation of the gene encoding for the laccase of *Pycnoporus cinnabarinus* laccase.~~

**Figure 3:** Southern blot study of the gene encoding for the laccase of *Pycnoporus cinnabarinus*.

**Figure 4:** Sequence of the gene encoding for the laccase of *Pycnoporus cinnabarinus*.

**Figure 5:** Sequence of the pLac promoter sequence of the gene encoding for the laccase of *Pycnoporus cinnabarinus* (up to the ATG encoding for the methionine of the laccase).

**Figure 6:** Restriction map of the three expression vectors pEGT, pESC, pELP, used for the production of laccase in *Pycnoporus cinnabarinus*.

**Figure 7:** Nucleotide sequence of the vector pEGT, containing the gpd gene promoter (4480 5112), a phleomycin resistance marker (507 1822) and the sc3 gene terminator (71 507).

**Figure 8:** Nucleotide sequence of the vector pESC, containing the sc3 gene promoter (1 1033), a phleomycin resistance marker (1540 2855) and the sc3 gene terminator (1104 1540).

**Figure 9:** Nucleotide sequence of the vector pELP, containing the laccase gene (promoter 4457 6983), a phleomycin resistance marker (507 1822) and the sc3 gene terminator (71 507).

**Figure 10:** Results of production of the transformants having the most significant activities. The culture was carried out with or without (control) ethanol.

**Figure 11:** Monitoring of the laccase activities of the transformants GPD 14 and 12.7 as a function of time with or (control) without ethanol.

**Figure 12:** Sequence of the gene encoding for the laccase of *halocyphina villosa*.